L #	Search Text	DBs	Hits
1	L1 "APPLICATION No. .:" 10/030,853	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	0
2	L2 "CLAIMED ELEMENT LIST.:" separator separate separating separated separates sort sortation sorted sorts sorting sheets sheet test testing tests tested monitor monitors monitored monitering receiver receiving received receives stack stacks stacked stacking deliver delivering delivered delivers clean cleanliness	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	755612 5
3	L3 "CITED INFORMATION SEARCH (IDS).:" ("3717249" "3812964" "4180258" "4211398" "4245830" "4765606" "4768913" "5155144" "5979891" "6082732").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	21
4	L4 3 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	18
5	L5 "FIELD OF SEARCH SEARCH (US,Mandatory,IPC).:" "Sorting items according to susceptibility to deform (e.g., malleability, hardness, compressibility, etc.), rupture, or vibrate.:" 209/599.ccls. "Sheet gauging.:" 209/603.ccls. "And suction means.:"□ 271/98.ccls.□ B65H003/14.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	866

L#		Search Text	DBs	Hits
6	L6	"And suction means.:"□ 271/98.ccls.□ B65H003/14.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	679
7	L7	"And suction means.:"□ 271/98.ccls.□	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	427
8	L8	"CLAIMED ELEMENTS WORD SEARCH.:" (adsorb adsorbed adsorbing adsorbs evacuate evacuates evacuated evacuating "negative pressure" suction suck sucks sucking sucked sucker torr vacuum) with (gripper grippers grip grips gripping gripped cup cups not belt)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	364022
9	L9	7 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	70
10	L10	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (test tested testing tests monitor monitored monitoring monitors)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	1184415

L #		Search Text	DBs	Hits
11	L 1 1	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (test tested testing tests monitor monitored monitoring monitors) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 9 4 8 2
12	L 1 2	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) same (sort sorts sorted sorting sortation)	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 4 6 9
13	L 1 3	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) same (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 7 8 5
14	L 1 4	"PROBLEM TO BE SOLVED WORD SEARCH.:" (clean cleaner cleaned cleaning cleanliness particle particles particulate particulates) with (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/$.ccls.	USPAT; US-PGPUB ; EPO; JPO; DERWENT ; IBM_TDB	1 1 8 1

L #	Search Text	DBs	Hits
15	**"PROBLEM TO BE SOLVED WORD SEARCH.:"** (clean cleaner cleaned cleaning cleanliness) with (card cards copies currency document documents envelope envelopes media paper papers sheet sheets substrate substrates transparency transparencies) and 209/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	476
16	**"PROBLEM TO BE SOLVED WORD SEARCH.:"** (clean cleaner cleaned cleaning cleanliness) with (card cards copies currency document documents paper papers sheet sheets) and 209/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	349
17	**"PROBLEM TO BE SOLVED WORD SEARCH.:"** (cleanliness) with (card cards copies currency document documents paper papers sheet sheets) and 209/$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	5

US-PAT-NO: 5842577

DOCUMENT-IDENTIFIER: US 5842577 A

TITLE: Method and apparatus for sorting and acquiring image
                data for documents

——— KWIC ———

Detailed Description Text - DETX (64):
    It may, however, be desirable to separate the documents for which the MICR
line or OCR line was not determined from the documents for which the MICR or
OCR line was determined. To do so, documents for which the MICR or OCR line is
not determined are assigned to a separate batch, along with the corresponding
documents in the same transactions. In this way, the **documents** are sorted into
so called "**clean**" and "imperfect" batches. The **documents in the clean** batches
have been properly imaged and the MICR line is known for the checks and the OCR
line is known for the invoices. An unclean batch is made up of transactional
pairs of documents that have been properly imaged, but the MICR line or OCR
line has not been determined for at least one of the documents in the
transactional pair. If the **documents** are separated into **clean** and unclean
batches, the image data for the **documents** is similarly separated into separate
batch files corresponding to the batches of **documents**. In this way, the
batches of documents and the image data for the documents are similarly
separated and organized.

Detailed Description Text - DETX (78):
    Generally, the apparatus 10 sorts an entire batch of documents before
beginning to sort a different batch of documents. However, different batches
of documents may be sorted concurrently. For example, documents may be sorted
to selected output bins based on various markings detected on the documents,
such as change of address boxes or barcodes on invoices. The documents may
also be sorted based on other criteria, such as document length to account for
size differences between business checks and personal checks. In addition, as
previously described, it may be desirable to sort **documents** based on whether
the transactional pairs of **documents are clean** or unclean, i.e., whether the
MICR line and OCR line has been determined for the **documents** in the
transaction.

Detailed Description Text - DETX (79):